

## ABSTRACT

An apparatus is described having an ATM switch core, wherein the ATM switch core has an input coupled to an ingress AAL2 switch engine and an output coupled to an egress AAL2 switch engine. The ingress AAL2 switch engine has a first look-up table that can store: 1) an identification label for an AAL2 virtual channel through said ATM switch core; and, 2) an AAL2 egress connection identification label for an ingress AAL2 packet to be carried by the AAL2 virtual channel. The egress AAL2 switch engine has a second look-up table that can store an egress CID and egress VPI/VCI for the AAL2 egress connection identification label.